

IMPORTANT  
 Kans. Geo. Survey request  
 samples on this well.

15-023-20045

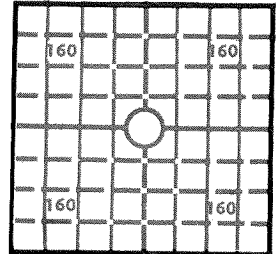
5-3-41w

S. 5 T. 3 R. 41 E  
 W

Loc. C SE

County Cheyenne

640 Acres  
 N



Locate well correctly

Elev.: Gr. 3584

DF \_\_\_\_\_ KB 3589

API No. 15 — 023 — 20,045  
 County Number

Operator  
 Shakespeare Oil Co., Inc.

Address  
 P. O. Box 669 Salem, Illinois 62881

Well No. #1 Lease Name Alvin Zwegardt

Footage Location  
 1320 feet from (K) (S) line 1320 feet from (E) (X) (X) line

Principal Contractor Geologist  
 Murfin Drilling Co. David A. Brierley

Spud Date 11/8/77 Total Depth 1610 P.B.T.D.

Date Completed 1/6/78 Oil Purchaser

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12½"	8-5/8"	24	251	50-40 Poz	220	2% gel
Long string	7-7/8"	4½"	9.5	1607	50-50 Poz	100	18% Salt 3/4% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			1 SPF	Great Gun Strip Jet	1430-60

Size	Setting depth	Packer set at
None		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Used 1,000 gal 15% HCL, Frac w/30,000 gal. 80% quality Nitrogen foam, 2,500# 20/40, 23,750# 10/20	1430-60

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	
Currently shut in, tested 1/6/78	Flow	
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas
	bbls. 81.5	MCF
Disposition of gas (vented, used on lease or sold)	Water	Gas-oil ratio
shut in	bbls.	CFPB
	Producing interval (s)	
	1430-60	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator SHAKESPEARE OIL COMPANY, INC. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Alvin Zwegardt Gas

S 5 T 3 R 41 W

**WELL LOG**  
 Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.  
 SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.  
 Great Guns

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Soil, Limestone	0	55	Niobrara	1409
Sand	55	180	" Por.	1428-1503
Shale	180	251		
Sand, Shale	251	1540		
Shale	1540	1610		
R TD		1610		
No Cores or DST's				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received \_\_\_\_\_  
 \_\_\_\_\_  
 Signature  
 Production Manager  
 Title  
 2/7/78  
 Date

2-2-1115